

Work Order ID 89847

September-11-12

Page 1

Item ID:	Revision ID:		
Item Name:			
Draw Nbr:	Start Date: 9/11/12 11:33	Start Qty: 1.0000	
Revision Nbr D212.5800413	Required Date: 9/11/12 11:34	Reqd Qty: 1.0000	
Reference: ECN12-640	Cust Item ID:	Customer ID:	
Description: update paperwork to kits in stk per ECN12-640		Sales Order:	

Approvals:	Process Plan:	Date:	Tooling:	Date:
	QC:	Date:	SPC (Y/N):	Date:

Sequence ID	Work Center ID	Operation Description	Hours		Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
			Set Up	Run							

12/9/13
SP

MF
12-09+3^r

QC21- 12/9/13 DJ

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY											
Landing Gear			General								
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain	<input type="checkbox"/> Ovalized	<input type="checkbox"/> Pressure/Forced							
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware	<input type="checkbox"/> Over/Under tolerance	<input type="checkbox"/> Temperature/Cure							
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete	<input type="checkbox"/> Part Incorrect	<input type="checkbox"/> Weld							
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Part Lost/Missing	<input type="checkbox"/> Wrong Stock Pulled							
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Part Moved								
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Positioned Wrong								
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread	<input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Other							
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset									
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration									
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence									
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions									

ENGINEERING CHANGE NOTICE **DART AEROSPACE LTD**

MDP

Date:	12.06.18	Job No.:	P2010034	ADR Yes/No:	Y	ADR Date:	12/06/13	ECN #:	12- 640
Product No.:	D212-580	Created By:	KB	Approved By:	<i>[Signature]</i>				
Product Name:	Dual Cargo Mirror and LED Pulse Light Kit			Checked By:	DS				

Distribution	Reqd	Resp	Initial / Date
Production Manager / Coord.	Y	LL/MF	
Purchasing Coord.	Y	CL	
Production Engineering Coord.	Y	DD	
Customer Technical Support	Y	MB	
Customer Order Processing	N		

Distribution	Reqd	Resp	Initial / Date
DQA / QA Coord.	Y	PS	
QC Coordinator	Y	BD	
Customer Support	Y	SW	
VP Marketing / BD	Y	AM	
Marketing	Y	HM	

Reason for Change: To address PAR 12-200
Connector PN change, wiring code updates, note added to wiring diagram, Diagrams added to ICA and all outstanding DSI's incorporated.

Documents Affected:
MDL-D212-580 Rev. L
IIN-D212-580 Rev. E / IIN-D212-580-1 Rev. B / IIN-D212-580-2 Rev. D
ICA-D212-580 Rev. 5
D212-580-901 Rev. B
D212-580-903 Rev. C

PAPERWORK UPDATE ☒ **PARTS MUST COMPLY** ☒ **PREVIOUS PARTS SATISFACTORY** ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	Y	KB	MDL-D212-580 REV. L	<i>[Signature]</i> 12.06.13 KB
6	Update Product Compatability Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		
11	Update Product Specification Files	Y	KJ		
12	Update Approved/Preliminary Dwg PDF Files	M	MB		12.05.07 <i>[Signature]</i>
13	Update Document Record (DR)	N		DR combined into MDL	
14	Update Product Development Summary	N			
15	Update QSI 021 and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	KJ	Add 205838-1	<i>[Signature]</i> ALREADY IN
17	Update / Verify ARC Database	N			
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update PPP's	N			
20	Red Decals required?	N			
21	Update Document Control Database / Laminated Dwgs	N			
22	Update Grey Project / Electronic Binder PDF Files	Y	KJ	Add ADR and updated docs.	
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	N			
24					

Description / Action:

Update BOM/Routing for D212-580-043 to replace 206838-1 with 205838-1 per D212-580-901
Ensure all D212-580-043 kits in stock are updated.
Purchase 205838-1 as required.
Update kits in stock with new paperwork.

all sth has these already!

[Signature]

ECN Verified & Complete: _____ Date: _____

List Lots

Page 1 of 1

September-11-12 7:21:55 AM

Criteria : Item ID: d212-580-043 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt Lot Code	Type Code	Comments
D212-580-043 LED Pulse Light	Main Warehouse FG	85202	8/09/12	4.0000	QC21		
	Main Warehouse FG022	85201	8/09/12	2.0000	QC21	CHG001	
Total:				6.0000			

Picklist Print

Page 4

June-04-12 1:34:54 PM

Work Order ID: 85201

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

85201

D212-580-043

Start Date: 04/06/2012

Required Date: 18/06/2012

Start Qty: 3.00

Required Qty: 3.00

206460-1

Purchased

No

110

Each

7.0000

206460-1
Connector, Plug (P2)

**

Location

Loc Qty

Loc Code

ST511

7

119669

7

205838-1

Purchased

No

110

Each

10.0000

205838-1
Connector, Plug (P3)

**

Location

Loc Qty

Loc Code

ST511

10

117304

10

M39029/64-369

Purchased

No

110

Each

120.0000

M39029/64-369
Contacts, Pins (J1000)

**

Location

Loc Qty

Loc Code

ST511

120

117871

20

121817

100

M39029/63-368

Purchased

No

110

Each

275.0000

M39029/63-368
Contacts, Sockets (P1000)

**

Location

Loc Qty

Loc Code

ST511

275

121358

5

121554

20

121817

250

June-04-12 1:34:54 PM

Shop Packet Print

Page 4

Picklist Print

Page 4

June-04-12 1:35:07 PM

Work Order ID: 85202

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

85202

D212-580-043

Start Date: 04/06/2012

Required Date: 18/06/2012

Start Qty: 4.00

Required Qty: 4.00

206460-1

Purchased

No

110

Each

7.0000



4

206460-1

Connector, Plug (P2)

SM

205838-1

Purchased

No

110

Each

10.0000



4

205838-1

Connector, Plug (P3)

SM

M39029/64-369

Purchased

No

110

Each

120.0000



40

M39029/64-369

Contacts, Pins (J1000)

SM

M39029/63-368

Purchased

No

110

Each

275.0000



120

M39029/63-368

Contacts, Sockets (P1000)

SM

Location

ST511

119669

Loc Qty

7

7

Loc Code

Location

ST511

117304

Loc Qty

10

10

Loc Code

Location

ST511

117871

121817

Loc Qty

120

20

100

Loc Code

Location

ST511

121358

121553

121817

Loc Qty

275

5

20

250

Loc Code

June-04-12 1:35:07 PM

Shop Packet Print

Page 4